CIVIL TECH LABS
5, 1st Cross, Srinivasa Colony, Mission Road, Bangalore - 560027
Ph: 080 - 4114 2867, Email: civiltechlabs@gmail.com

TEST REPORT

COMPRESSIVE STRENGTH TEST ON CONCRETE CUBES

Name & Address of the Customer	AEE, Shettyhalli Sub Division BBMP.
Name of the project	Consultancy services for Construction Supervision, Project management and Quality control for the 2 works in **Dasarahalli Division Package-05**
Name of Work	Improvements and Asphalting to Babanna Layout 1st Main road and cross roads in Ward No 12, Shettyhalli Sub divison
Name of Agency	M/s. K. R. I. D. L.
Grade of Concrete	M-15
No. of cubes tested	3
Dimension of Specimen	150mmx150mmx150mm
Cross Sectional Area	22500 mm²
Technical Reference	IS: 516-1959 (Reaffirmed 2013)

Sl. No.	Identification	Date of Casting	Date of Testing	Age at test (Days)	Weight (Kg)	Failure Load (KN)	Compressive Strength (N/mm²)	Avg Compressive Strength (N/mm²)
1	CC-Work (Precast Slab 100mm Thick)	14/03/2019	21/03/2019	7	8.22	258	**11.47**	**11.56**
2					8.23	260	**11.56**	
3					8.25	262	**11.64**	

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Khushboo
(KHUSHBOO L.)
Quality Manager

CIVIL TECH LABS BANGALORE

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ಪೂರ್ವ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

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TEST REPORT

COMPRESSIVE STRENGTH TEST ON CONCRETE CUBES

Name & Address of the Customer	AEE, Shettyhalli Sub Division BBMP.
Name of the project	Consultancy services for Construction Supervision, Project management and Quality control for the 2 works in **Dasarahalli Division Package-05**
Name of Work	Improvements and Asphalting to Babanna Layout 1st Main road and cross roads in Ward No 12, Shettyhalli Sub divison
Name of Agency	M/s. K. R. I. D. L.
Grade of Concrete	M-20
No. of cubes tested	3
Dimension of Specimen	150mmx150mmx150mm
Cross Sectional Area	22500 mm²
Technical Reference	IS: 516-1959 (Reaffirmed 2013)

Sl. No.	Identification	Date of Casting	Date of Testing	Age at test (Days)	Weight (Kg)	Failure Load (KN)	Compressive Strength (N/mm²)	Avg Compressive Strength (N/mm²)
1	CC-Work	21/03/2019	28/03/2019	7	8.19	340	**15.11**	**15.33**
2					8.21	345	**15.33**	
3					8.23	350	**15.56**	

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(KHUSHBOO L.)
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CIVIL TECH LABS BANGALORE

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ಜೈಪುರ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
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AE Ward 12

CIVIL TECH LABS
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TEST REPORT

COMPRESSIVE STRENGTH TEST ON CONCRETE CUBES

Name & Address of the Customer	AEE, Shettyhalli Sub Division BBMP.
Name of the project	Consultancy services for Construction Supervision, Project management and Quality control for the 2 works in **Dasarahalli Division Package-05**
Name of Work	Improvements and Asphalting to Babanna Layout 1st Main road and cross roads in Ward No 12, Shettyhalli Sub divison
Name of Agency	M/s. K. R. I. D. L.
Grade of Concrete	M-20
No. of cubes tested	3
Dimension of Specimen	150mmx150mmx150mm
Cross Sectional Area	22500 mm²
Technical Reference	IS: 516-1959 (Reaffirmed 2013)

Sl. No.	Identification	Date of Casting	Date of Testing	Age at test (Days)	Weight (Kg)	Failure Load (KN)	Compressive Strength (N/mm²)	Avg Compressive Strength (N/mm²)
1	Sample-3	22/03/2019	19/04/2019	28	8.23	495	**22.00**	**22.22**
2					8.25	500	**22.22**	
3					8.27	505	**22.44**	

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Khushboo

(KHUSHBOO L.)
Quality Manager

CIVIL TECH LABS BANGALORE

AE ಬಿಬಿಎಂಪಿ

CIVIL TECH LABS
5, 1st Cross, Srinivasa Colony, Mission Road, Bangalore - 560027
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TEST REPORT

COMPRESSIVE STRENGTH TEST ON CONCRETE CUBES

Name & Address of the Customer	AEE, Shettyhalli Sub Division BBMP.
Name of the project	Consultancy services for Construction Supervision, Project management and Quality control for the 2 works in **Dasarahalli Division Package-05**
Name of Work	Improvements and Asphalting to Babanna Layout 1st Main road and cross roads in Ward No 12, Shettyhalli Sub divison
Name of Agency	M/s. K. R. I. D. L.
Grade of Concrete	M-20
No. of cubes tested	3
Dimension of Specimen	150mmx150mmx150mm
Cross Sectional Area	22500 mm²
Technical Reference	IS: 516-1959 (Reaffirmed 2013)

Sl. No.	Identification	Date of Casting	Date of Testing	Age at test (Days)	Weight (Kg)	Failure Load (KN)	Compressive Strength (N/mm²)	Avg Compressive Strength (N/mm²)
1	Sample-1	26/03/2019	23/04/2019	28	8.14	485	**21.56**	**21.78**
2					8.16	490	**21.78**	
3					8.19	495	**22.00**	

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CIVIL TECH LABS BANGALORE

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AE Ward 12

CIVIL TECH LABS
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TEST REPORT

GRADATION TEST ON GRANULAR SUB BASE MATERIALS GRADING - V

Name & Address of the Customer	AEE, Shettyhalli Sub Division BBMP.
Name of the project	Consultancy services for Construction Supervision, Project management and Quality control for the 2 works in **Dasarahalli Division Package-05**
Name of Work	Improvements and Asphalting to Babanna Layout 1st Main road and cross roads in Ward No 12, Shettyhalli Sub divison
Name of the Agency	M/s. K. R. I. D. L.
Date of Testing	27/03/2019
Technical Reference	IS : 2386(Part I)–1963 (Reaffirmed 2016)

Sample-1			
IS Sieve Designation (mm)	**% By Weight Passing IS Sieve as per MORTH (5th Revision) Table 400-1 for GSB Grading-V**	**Actual % By Weight Passing IS Sieve**	**Remarks**
75	100	**100**	**Satisfies the requirement**
53	80-100	**87.8**	
26.5	55-90	**68.9**	
9.5	35-65	**57.2**	
4.75	25-50	**43.7**	
2.36	10-20	**16.3**	
0.85	2-10	**8.3**	
0.425	0-5	**3.6**	

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(KHUSHBOO L.)
Quality Manager

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TEST REPORT

RATE OF SPREAD OF TACK COAT

Name & Address of the Customer	AEE, Shettyhalli Sub Division BBMP.
Name of the project	Consultancy services for Construction Supervision, Project management and Quality control for the 2 works in **Dasarahalli Division Package-05**
Name of Work	Improvements and Asphalting to Babanna Layout 1st Main road and cross roads in Ward No 12, Shettyhalli Sub divison
Name of Agency	M/s. K. R. I. D. L.
Date of Testing	04/04/2019

Test No.	Area Tested	Rate of spread Kg/m²	As Per MORTH Table 500-5	Remarks
1	Rate of Spread Test conducted for every 500 m² from area 0 to 5789.25 m²	0.26	0.25 to 0.30 Kg/m²	Satisfactory
2		0.25		Satisfactory
3		0.27		Satisfactory
4		0.28		Satisfactory
5		0.26		Satisfactory
6		0.25		Satisfactory
7		0.28		Satisfactory
8		0.27		Satisfactory
9		0.26		Satisfactory
10		0.28		Satisfactory
11		0.26		Satisfactory
12		0.25		Satisfactory

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TEST REPORT

GRADATION TEST ON BITUMINOUS CONCRETE MIX GRADE - 2

Name & Address of the Customer	AEE, Shettyhalli Sub Division BBMP.
Name of the project	Consultancy services for Construction Supervision, Project management and Quality control for the 2 works in **Dasarahalli Division Package-05**
Name of Work	Improvements and Asphalting to Babanna Layout 1st Main road and cross roads in Ward No 12, Shettyhalli Sub divison
Name of the Agency	M/s. K. R. I. D. L.
Date of Testing	09/04/2019
Technical Reference	IS : 2386(Part I)–1963 (Reaffirmed 2016)

	Sample-2		
IS Sieve Designation (mm)	**% By Weight Passing IS Sieve as per MORTH (5th Revision) Table 500-17 for BC Grade-2**	**Actual % By Weight Passing IS Sieve**	**Remarks**
19	100	**100**	**Satisfies the requirement**
13.2	90-100	**98.4**	
9.5	70-88	**82.7**	
4.75	53-71	**66.8**	
2.36	42-58	**52.7**	
1.18	34-48	**43.9**	
0.6	26-38	**33.6**	
0.3	18-28	**23.2**	
0.15	12-20	**18.1**	
0.075	4-10	**8.3**	

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